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PACIFIC SOUTHWEST REGION

COLLECTION RG 326 ATOMIC ENERGY COMMISSION

BOX No. 199679 (#1089) A16429 326-65AG170

FOLDER INSPECTION OF WEATHER STATIONS
GENERAL INFORMATION
APPLICABLE TO ALL STATIONS

AN
INSPECTION REPORT
OF
WEATHER AND RAD-SAFE STATIONS

BEST COPY AVAILABLE

30 July Thru 3 August 1959

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HOLMES & NARVER, INC.
Engineers - Constructors

To: J. W. Moore, Resident Manager Job: 942 Date: 6 August 1959
From: E. H. Willes, Resident Engineer Re: Report and Log of Inspection of
Weather and Rad-Safe Stations at
Ujelang, Ponape, Kapingamarangi
Kusaie, Utirik, and Wotho.

The following is a report of inspections of Weather and Rad-Safe Stations which were made by J. S. Coe, H&N and John M. Okamura, AEC. 30-July 1959 at 0730 the party departed Site Elmer by air and arrived at Site Fred at 0738. At 0925 we departed Site Fred in the Navy UF-1 #902 and landed at Ujelang at 1030. The party went ashore and inspected the Rad-Safe Station. Following was determined to be the present condition of the station.

RAD-SAFE STATION - UJELANG

1. WATER TOWER - In fair condition - reusable for at least one more year from this date.
2. POWER & DISTILLATION - Fairly good condition - One aluminum shutter is missing and requires replacement. Small area of fire damage noted between generator locations. Not serious.
3. SHOWER - Building frame & piping reusable - Needs new canvas siding.
4. DAY ROOM - Frame in good condition and new tent & fly is required.
5. LIVING QUARTERS - Frame in good condition - New tent & fly required.
6. REEFERS & LAUNDRY - Frame in good condition - New tent & fly required.
7. MESS HALL - In fair condition - needs new tent & fly and new screens throughout.
8. LIVING QUARTERS - Frame in good condition - new tent & fly required.
9. RAD-SAFE TENT - Frame in good condition - new tent & fly required.
10. PIT LATRINE - Fair condition, but should be replaced.
11. PUMP HOUSE - In fair condition.

The appearance of the station indicates that it has not been disturbed by the natives, and could be quickly and easily reactivated. All screening should be replaced where ever called for on the plans.

* See addendum #1 for applicable photos.

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BUILDING #3 - DAY ROOM:

An interior door requires replacement. Sink and water cooler are missing.

BUILDING #4 - BARRACKS:

The top cover of one of the water closets is missing. *Paint Shower Rooms.*

BUILDING #5 - BARRACKS:

In good condition. Needs normal cleanup before occupancy. *Paint Shower Rooms.*

BUILDING #6 - POWERHOUSE:

In good condition. Normal cleanup required prior to equipment installation.

BUILDING #7 - PUMP HOUSE & DISTILLATION:

In good condition. Normal cleanup required prior to equipment installation.

BUILDING #8 - WATER TOWER:

Metal clips at base of piers should be wire brushed and painted.

GENERAL:

Both antennae appear to be in good condition. Enough paint should be supplied for repainting the Mess Hall and both rooms in Barracks Numbers 4 & 5. Several lengths of various sized pipe and pipe fittings, and six pairs of door hinges are also needed.

At 1500 hours the party departed Kusaie and arrived at Kawajalein at 1800 hours.

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At 1300 the party departed Ujelang and arrived at Ponape at 1500. Settled in quarters, made arrangements for meals and proceeded to Distad Headquarters to confer with Mr. Finale, the acting Distad. In company of Messrs. Sullivan and Hirada, the party made an inspection of the weather station and determined the following to be the present condition of the station.

WEATHER STATION - PONAPE

1. The weather station building, which is being operated by the U.S. Weather Bureau, appears to be in very good condition structurally. A small amount of dry rot occurs at the base of the stair posts and Mr. Hirada intends to have the posts incased in concrete approximately 12" above the footings. During windy rainstorms, a small portion of the roof develops slight leaks. This he proposes to repair with mastic and metal flashing. Mr. Hirada further proposes to build a small shelter to house an emergency generator. This will keep the station operable during power failures at the main plant.

Returned to quarters 1830 30 JULY 1959.

*See addendum #2 for applicable photos.

RECEIVED THE DOZ
JUL 15, 1959
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EXEMPT UNDER EXEC. 135, 1994
FROM FURTHER AUTOMATICALLY TO
DERRIS S. NIXON31 JULY 1959

At 0600 party and plane crew arrived at Sea-plane ramp, in a rain that increased to a very heavy downpour by 0700. The plane commander announced an indefinite delay in take-off. At 1000 the flight was definitely postponed until the following day. At 1100 returned to quarters. Rain all day and part of the night.

1 AUGUST 1959

At 0610, party departed Ponape and arrived at Kapingamarangi at 1010. The party went ashore on Fumatahachi Island and inspected the weather station. Following was determined to be the present condition of the station.

WEATHER STATION - KAPINGAMARANGI

1. PUMP HOUSE - Slight weather damage to roof, one section of aluminum sheathing missing and one aluminum window shutter is hanging by one hinge. Otherwise in good condition.
2. SUPPLY & OPERATIONS BLDG. - Apparently in very good condition externally. Building was locked but one shutter was not secured. No evidence of entry.
3. WATER TOWER - Fairly good condition. Reusable for at least one year from this date.
4. POWER & DISTALLATION - In good condition.
5. MESS HALL - Bldg. locked - exterior in very good condition.
6. REEFER SHED - Bldg. in good condition all hardware shows signs of corrosion. The electrical outlets, breakers and switch gear are quite heavily corroded and will probably have to be replaced.
7. BARRACKS #1 - Bldg. locked - exterior in good condition.
8. DAY ROOM - Bldg. locked - exterior in good condition.
9. BARRACKS #2 - Bldg. locked - exterior in good condition.
10. RAWINSODE PAD - In good condition.
11. ANTENNA POLES - In good condition.
12. HOMER SHELTER - This was removed and returned to EPG during the Hardtack Roll-Up.
13. PIPING SYSTEM, OUT DOOR-SEWER - The 8" Spiral Weld steel pipe outfall is disconnected from the first length. Seven lengths, still joined together lie near by on the reef and are recoverable and reusable.

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GENERAL - Roofs of some of the buildings are slightly dented, probably from falling coconuts. Nine drums of fuel oil are stored alongside the Power and Distillation building. Only slightly rusty.

The appearance of this station is very good and there are no indications that it has been disturbed by the natives. It could quickly and easily be reactivated.

All screening wherever indicated on the plans, should be replaced.

At 1415, the party departed Kapingamarangi and arrived at Ponape 1630. 1 AUGUST 1959.

* See addendum #3 for applicable photos.

DECLASSIFIED PER DOE
LETTER DATED JULY, 15, 1994
FROM ANTON SINISCALDI TO
DEANE S. NIXON

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2 AUGUST 1959

At 0704, the party departed Ponape and arrived at Kusaie at 1030. The party went ashore and inspected the weather station. Following was determined to be the present condition of the station.

WEATHER STATION - KUSAIE

SITE "A"

1. SUPPLY & OPERATIONS - In good condition.
2. GENERATOR SHED - In good condition.
3. RAWINSONDE TOWER - In good condition. However the vertical steel poles and steel angles are beginning to show signs of rust.
4. PIT LATRINE - Apparently good condition, but should be replaced.
5. FUEL TANK BASE - In good condition.
6. REEFER SHED - In good condition.

SITE "B"

1. REEFER SHED - In good condition.
2. MESS HALL - Two of the doors are beyond repair due to dry rot and need to be replaced. A screen is missing from one window. Otherwise the building is in good condition.
3. DAY ROOM - Is in good condition.
4. BARRACKS - Is in good condition.
5. BARRACKS - Is in good condition.
6. POWER HOUSE - Is in good condition.
7. DISTILLATION SHED - Is in good condition.
8. WATER TOWER - There is evidence of dry rot in the bottom 6 inches of each of the tower legs. Also, several planking are missing from the platform. Repairs could be easily made to place the tower in good working condition.
9. BARRACKS - In good condition, except for one door which is beyond repair with dry rot and needs to be replaced.
10. ANTENNA POLES - In good condition.
11. SEWER OUTFALL - Has disappeared and needs to be replaced.

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GENERAL - The appearance of the station indicates that it has not been disturbed by the natives, and could be quickly and easily reactivated. All screening should be replaced where ever called for on the plans.

At 1240, the party departed Kusaie and arrived at Kwajalein at 1615 hours 2 August 1959. Arrangements were made for quarters and conferred with the Duty Officer of the Air Depot to schedule our flight to Utirik and Wotho the following day.

* See addendum #4 for applicable photos.

DECLASSIFIED PER NCF
LETTER DATED JULY 18, 1994
FROM ANTON SINISCALA TO
DEANE S. NIXON

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3 AUGUST 1959

At 0850 hours the party departed Kwajalein and arrived at Utirik at 1030 hours. The party went ashore and inspected the weather station. Following was determined to be the present condition of the station.

WEATHER STATION - UTIRIK

1. BARRACKS #1 - In good condition.
2. BARRACKS #2 - In good condition except for one shutter hinge missing.
3. DAY ROOM - In good condition.
4. PUMP SHED - In good condition.
5. OPERATIONS & SUPPLY - In good condition.
6. RAWINSONDE PAD - In good condition.
7. REEFER BANKS - In good condition.
8. MESS HALL - In good condition.
9. WATER TOWER - In good condition.
10. POWER & DISTILLATION - In good condition.
11. ANTENNA POLES - In good condition.
12. PIER - In fair, useable condition.

GENERAL

The appearance of the station indicates that it has not been disturbed by the natives. All closed buildings are secured with locks. This station could easily be activated. All screening, where called for on the plans needs to be replaced. There is a superabundance of flies.

* See addendum #5 for applicable photos.

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At 1150 hours the party departed Utirik and arrived at Wotho at 1330 hours. The party went ashore and inspected the weather station. The following was determined to be the present condition of the station.

RAD-SAFE STATION - WOTHO

1. DAY ROOM - Frame in good condition. Needs new tent and fly.
2. TENT #1 - DITTO
3. TENT #2 - DITTO
4. TENT #3 - DITTO
5. MESS HALL - Frame in good condition. Needs new tent and fly and screened.
6. BEEFER TENT - DITTO
7. RAD-SAFE TENT - Frame in good condition. Needs new tent and fly.
8. POWER & DISTILLATION - In good condition.
9. PIT LATRINE - Fair condition but should be replaced.
10. FIELD SHOWER - Frame in good condition. Needs canvas siding.
11. PUMP HOUSE - In good condition.
12. WATER TOWER - In good condition.

At 1500 hours the party departed Wotho and arrived at Eniwetok at 1630 hours. At 1700 hours departed Fred via H-21 Aircraft and arrived at Site Elmer at 1710 hours 3 August 1959.

* See addendum #6 for applicable photos.

ENW:JSC:dp

cc:

- S. P. Howell, H/O, w/1 photo. encl.
- G. J. Yokota, H/O, w/1 photo. encl.
- USAEC, EBO, w/3 photo. encl.
- H/O Chrono
- H/O Central
- J/S Chrono
- J/S Central
- J/S Estimating Dept.
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